

New Zealand Ready Mixed Concrete Association Inc.

NZRMCA Newsletter, November 2007

Issue 3/2007



MESSAGE FROM THE PRESIDENT

Dear All

I am delighted to take over from Rob Green as President although Rob's shoes will be difficult to fill. I know from first hand experience the energy and commitment Rob brought to the role.

Regrettably, my tenure will be short-lived as since Conference I have accepted a new position, albeit within the H.W. Richardson Group, but outside of the ready mixed concrete industry. I will however remain as President until February 2008, to enable a smooth transition.

These are exciting times for the industry and Association. Our operating environment,

though challenging and dynamic provides opportunities for our industry and our fantastic product.

One such challenge is the sustainability debate and I'm pleased that we are supporting the excellent CCANZ initiative, **Concrete³**, which serves to educate and promote the role of concrete in sustainable development to our stakeholders.

I am also pleased that the New Zealand Concrete Pumping Association has made great progress and we should support this initiative.

Wishing you and your families a very happy Christmas and a prosperous 2008.

**Brett Haldane
PRESIDENT**



INSIDE THIS ISSUE

Message from the President

Around the Regions

CCANZ Launches Concrete³

Fred Tahiw

Word Search Result

For the Diary

Industry Conference

N.Z. Concrete

Pumping Association

NZRMCA Plant Audit Scheme Awards

From our Technical Committee

Did You Know?

NEWSLETTER

If you would like to receive your newsletter by email, please let Angelique know at admin@cca.org.nz.

AROUND THE REGIONS

SOUTH ISLAND

The AGM was held on 30 August 2007. Jon Hambling was confirmed as chairman and Ian Drew as secretary.

SOUTH NORTH ISLAND

The AGM was held on 30 August 2007. Cameron Lee of Firth was

confirmed as chairman and Steve McArthur of Sika as secretary.

CENTRAL NORTH ISLAND

Jeff Burgess was re-elected chairman at the AGM August 2007.

This meeting saw Mark Lourie from Supacrete Concrete Limited taking

on the role as secretary. Numbers at the meetings over the past year have averaged 24 with a good mixture of members and associate members.

NORTHLAND

The AGM was held on 31 August 2007.

Maurie Hooper continues as chair and is ably

supported by Bob Bruce as secretary/treasurer.

AUCKLAND

A well attended AGM was held on 21 August 2007. Chairman – Graham Payne was reconfirmed as chairman with Nick Tabrum and Shane Coutts as deputy chair and secretary respectively.

CCANZ LAUNCHES SUSTAINABILITY INITIATIVE



CCANZ Chief Executive Officer, Patrick McGuire, and Minister, Hon. Clayton Cosgrove

Hon. Clayton Cosgrove, Minister for Building and Construction, last month launched **Concrete³**, an

initiative to raise awareness of the sustainable qualities of concrete.

Spearheaded by the Cement and Concrete Association of New Zealand (CCANZ), the initiative endorses concrete's contribution to New Zealand's sustainable development across all areas of economic, social and environmental endeavour.

To communicate the sustainable qualities of concrete and to further educate the building and

construction industry in this regard, a booklet and website has been developed. Please visit www.sustainableconcrete.org.nz

Concrete³ aims to assist architects, engineers, policy makers, contractors and clients, as well as others involved with the design, construction and operation of buildings and infrastructure to make more informed choices.

FRED TAHIWI

Fred Tahiwī, concrete truck mixer driver, retired at the end of August after 47 years with Firth. He started with Certified Concrete at Grant Road in August 1960. He was well known to everyone in the industry in Wellington and will be remembered for his great attitude, his dedication to the job and for always having a smile on his face.

We wish him and Noleen well in his retirement.

The first-ever Ready Mixed Concrete Mixer Driver World Cup will be held on March 11, 2008 at the CONEXPO-CON/AGG Show in Las Vegas, Nevada.

Word Search

Geoff Jones of Opus was the lucky winner of the August Sustainability Word Search puzzle and received a \$25.00 book token.

Well done Geoff!

FOR THE DIARY

Concrete Industry Conference, September 2008.

REGION	DATE	VENUE
South Island	To be advised.	To be advised.
Northland	30 November 2007	To be advised.
Auckland	27 November 2007	To be advised.
Central North Island	Friday, 30 November 2007	4.30 p.m., Okoroire Hot Springs Hotel, followed by dinner.
Southern North Island	22 November 2007	To be advised.

2007 CONCRETE INDUSTRY CONFERENCE

NZRMCA Sessions Held at the 2007 Concrete Industry Conference

In the opening session, Chris Peace of Risk Management Limited outlined the role of risk management citing examples applicable to NZRMCA members.

The first NZRMCA parallel session featured three excellent speakers and a discussion on the newly formed New Zealand Concrete Pumping Association which was led by Kevin Mischewski.

Bruce Perry of Grace

gave an overview of macro synthetic fibres and their role in influencing the flexural toughness of concrete particularly in ground floor slab situations.

Andrew Dallas of Allied Concrete continued the theme of risk in his presentation 'Risk and Responsibility in the Concrete Industry'.

Andrew discussed the importance of ensuring that contractual documentation is in place

to clearly define contract risk.

Baha Abdelrazig of Sika discussed the role of polycarboxylate admixtures in a number of case studies including the Mori Tower in Shanghai where 28,000 m³ was supplied in one non-stop pour!

A remit to hold an NZRMCA specific conference in 2008 was raised eloquently by Jeff Burgess of Supacrete at our AGM. The AGM,

however, voted to continue with the joint industry format.

Rob Gaimster, our Executive Officer, won the **Sandy Cormack Award**. This award is presented for the most original and innovative paper in the development of the knowledge and use of concrete.

Rob's paper 'The role of concrete in sustainable development' compliments the Concrete³ initiative.

New Zealand Concrete Pumping Association

The NZRMCA supports the recent formation of the NZCPA and we have written to them to wish them every success. We would urge all pumping contractors to join their Association and follow their Code of Practice which should improve pumping safety considerably. Furthermore, we would encourage contractors to use pumping companies who are registered with NZCPA.



NZRMCA PLANT AUDIT SCHEME



2007 PLANT AUDIT COMMITTEE AWARDS

ZONE AWARDS

Zone 1: South Island

- 1st Cromwell Certified Concrete
- 2nd Allied Concrete – Renwick
- 3rd Firth Industries – Ashburton

Zone 2: South North Island

- 1st Firth Industries – Hastings
- 2nd Allied Concrete – Paraparaumu
- 3rd Allied Concrete – Ohau

Zone 3: Northland/Auckland

- 1st Atlas Concrete – Takapuna
- 2nd Stevenson Concrete – Takanini
- 3rd Atlas Concrete – Panmure

Zone 4: Central North Island

- 1st Allied Concrete – Tairua
- 2nd Firth Industries – Taupo
- 3rd Firth Industries – Te Awamutu

SUPREME AWARD WINNER

Firth Industries – Hastings

FROM OUR TECHNICAL COMMITTEE



GENERAL

The Technical Committee consists of David Barnard (Convenor), Andrew Dallas, Bryan Ward, Chris Munn, Brett Beatson, Terry Browne, Colin Taylor, Rob Gaimster and Michael Khrapko. Terry Browne retired during the year and Dene Cook (Firth) replaced him mid-year. Rob Gaimster joined the Committee as the CCANZ representative.

The principal activities are listed:

NEW ZEALAND STANDARDS

NZS 3104 Concrete Production

This Standard has finally been amended by

The NZRMCA Technical Committee has been busy over the past twelve months. The following is a synopsis of some of the issues covered. Our thanks go to David and the team.

Standards New Zealand after some time of waiting.

While most of the changes were of a corrective nature, one amended clause was included to provide for a shorter timeframe of achieving audit status using 10 results rather than 30 results.

NZS 3112.1 Testing of Fresh Concrete

A new spread test for self compacting concrete has been added to the Standard.

The test measures slump flow and also measures a rate of flow known as T500, i.e. the time taken for the slump flow to reach a 500 mm diameter circle from the inverted slump cone position. It is considered that this basic test will provide for adequate testing of self compacting concrete for most circumstances alleviating the need for more complicated tests.

NZS 3109 Specification for Concrete Construction

Following discussions it was clear that there are a number of issues that need considering because the document is out of step with a number of other New Zealand Standards, e.g. NZS 3101. Core testing is also an area of concern in the document and this led to a request for Rob Gaimster to produce a paper for consultants at the 2007 Combined Industry Conference. There remain a number of interpretation issues with NZS 3604/3101 in relation to specifications related to durability. Work continues on this.

SELF COMPACTING CONCRETE (SCC)

Discussion on this topic continued during the year, with eventually a promotional/technical bulletin (IB86) was produced by CCANZ in co-operation with the Committee. The bulletin

uses the Euro guidelines as the basis for work in New Zealand. In addition the Committee has been involved with the special demonstration of SCC at the Conference.

SITE MANAGEMENT OF CONCRETE WASH WATER

A publication for concrete truck drivers was produced as part of the need to comply with Territorial Authority requirements on environmental issues.

FUTURE PROGRAMME

The principal focus for the oncoming year will be to ensure that amendments for NZS 3109 Specification for Concrete Construction are prepared. A meeting to discuss this and other arising matters will be held in November 2007.

**David Barnard
Convenor
TECHNICAL
COMMITTEE**

DID YOU KNOW?

Cement has been around for at least *12 million years!* When the earth itself was undergoing intense geologic changes, 'natural' cement was being created. It was this natural cement that humans first put to use. Reactions between limestone and oil shale during spontaneous combustion occurred in Israel to form a natural deposit of cement compounds. The deposits were characterized by Israeli geologists in the 1960's and 70's. Eventually, we discovered how to make cement from other materials.